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PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)   | ATTORNEY'S DOCKET NUMBER 207,643   |  |  |  |  |  |
| CONCERNING A SUBMISSION UNDER 35 U.S.C. 371  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/AU2004/001749 13 December 2004 (13.12.2004)  | PRIORITY DATE CLAIMED 11 December 2003 (11.12.2003)  |  |  |  |  |  |
| TITLE OF INVENTION HIGH IMPACT GATE  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US PHILLIPS, Ronald William and PHILLIPS, Ian Gregory   |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |  |  |  |  |
| 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |  |  |  |  |  |  |
| 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission  | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.  |  |  |  |  |  |
| 3. X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |  |  |  |  |  |
| 4. The US has been elected (Article 31).   |  |  |  |  |  |  |
| 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2))  | X A copy of the International Application as filed (35 U.S.C. 371(c)(2))   |  |  |  |  |  |
| a. is attached hereto (required only if not communicated by the Internation  | nal Bureau).   |  |  |  |  |  |
| b. $\overline{\mathbf{X}}$ has been communicated by the International Bureau.  |  |  |  |  |  |  |
|  | c. is not required, as the application was filed in the United States Receiving Office (RO/US).  |  |  |  |  |  |
| 6. An English language translation of the International Application as filed (35 U.S.C   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).   |  |  |  |  |  |
| a. is attached hereto.   |  |  |  |  |  |  |
| b. X has been previously submitted under 35 U.S.C. 154(d)(4).  |  |  |  |  |  |  |
| 7. Amendments to the claims of the International Application under PCT Article 19  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))   |  |  |  |  |  |
| a. are attached hereto (required only if not communicated by the Interna   | a. are attached hereto (required only if not communicated by the International Bureau).  |  |  |  |  |  |
| b. have been communicated by the International Bureau.   | b. Have been communicated by the International Bureau.   |  |  |  |  |  |
| c. have not been made; however, the time limit for making such amendr  | c. have not been made; however, the time limit for making such amendments has NOT expired.   |  |  |  |  |  |
| d. 🔼 have not been made and will not be made.  |  |  |  |  |  |  |
| <u> </u>   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).                                    |  |  |  |  |  |
| 9. X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unexecuted  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unexecuted)  |  |  |  |  |  |
| 10. An English language translation of the annexes of the International Preliminary E Article 36 (35 U.S.C. 371(c)(5)).  | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). |  |  |  |  |  |
| Items 11 to 20 below concern document(s) or information included:  |  |  |  |  |  |  |
| 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |  |  |  |  |  |
|  | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.                              |  |  |  |  |  |
| 13. X A preliminary amendment.   | A preliminary amendment.   |  |  |  |  |  |
| ●14.   |  |  |  |  |  |  |
| 15. A substitute specification.  |  |  |  |  |  |  |

A power of attorney and/or change of address letter.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  INTERNATIONAL APPLICATION NO.  |                             | ATTORNEY'S DOCKET NUMBER              |             |                        |                                       |
|---|-----------------------------|---------------------------------------|-------------|------------------------|---------------------------------------|
| 10/5826   | 10/582617 PCT/AU2004/001749 |                                       | 207,64      | 43                     |                                       |
| 20. Other items or informati  | on:                         |                                       |             |                        |                                       |
| The following fees have b   | een submitted               |                                       |             | CALCULATIONS           | PTO USE ONLY                          |
| 21. X Basic national fee (37  | CFR 1.492(a))               |                                       | \$300       | \$ 300.00              |                                       |
| 22. X Examination fee (37 C   | FR 1.492(c))                |                                       |             |                        |                                       |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations\$200  |                             |                                       |             | \$ 200.00              |                                       |
| 23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority                         |                             |                                       | \$ 400.00   |                        |                                       |
| TOTAL OF 21, 2  | 2 and 23 =                  | · · · · · · · · · · · · · · · · · · · |             | 900.00                 | · · · · · · · · · · · · · · · · · · · |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction RATE |                             |                                       |             |                        |                                       |
| 38 - 100 = -62 /50 =  | thereof (round              | up to a whole number)                 | x \$250     | \$ 0.00                |                                       |
| Surcharge of \$130.00 for furnishing after the date of commencement of  |                             |                                       | <u> </u>    | \$ 0.00                |                                       |
| CLAIMS NUMB   | ER FILED                    | NUMBER EXTRA                          | RATE        | \$                     |                                       |
| Total claims 23   | - 20 =                      | 3                                     | × \$50      | \$ 150.00              |                                       |
| Independent claims 3  | - 3 =                       | 0                                     | x \$200     | \$ 0.00                |                                       |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360   |                             |                                       | \$ 0.00     |                        |                                       |
| TOTAL OF ABOVE CALCULATIONS =   |                             |                                       | \$ 1,050.00 |                        |                                       |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.   |                             |                                       | 525.00      |                        |                                       |
| Proposing for of \$420.00 for firm  | -hina Aba Faaliah           | Annual stine later than 20 and all    | SUBTOTAL =  | \$ 525.00              | <u> </u>                              |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).   |                             | \$                                    | 0.00        |                        |                                       |
| TOTAL NATIONAL FEE =  |                             |                                       | \$          | 525.00                 |                                       |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +   |                             | \$                                    | 0.00        |                        |                                       |
| TOTAL FEES ENCLOSED =   |                             |                                       | \$          | 525.00                 |                                       |
|   |                             |                                       |             | Amount to be refunded: | \$                                    |
|   |                             |                                       | -           | Amount to be charged   | \$                                    |

PTO-1390 (Revision).

10/58201
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|--|---|--|--|--|--|--|
| a. [X]   | A check in the amount of \$ 525.00 to cover the a   | above fees is enclosed.                                      |  |  |  |  |
| b. 🔲   | Please charge my Deposit Account No in the amount A duplicate copy of this sheet is enclosed.   | of \$ to cover the above fees.                               |  |  |  |  |
| c. X   | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No01-0035 A duplicate copy of this sheet is enclosed.                             |  |  |  |  |  |
| d. 🗀   | Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |  |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |   |  |  |  |  |  |
| Jay S.<br>Abelm<br>666 Ti  | Cinamon nan, Frayne and Schwab hird Avenue York, NY 10017-5621  | SIGNATURE  Jay S. Cinamon  NAME  24,156  REGISTRATION NUMBER |  |  |  |  |